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Kambara, T., K. Kageyama, Y. Kanai, T.M. Kojima, Y. Nanai, A. Yoneda and Y. Yamazaki, Elastic wave from fast heavy ion irradiation on solids 193 (2002) 371
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Karamian, S.A., F. Grüner, W. Assmann, W. Günther, V.A. Ponomarenko, B. Schmidt and S.P. Tretyakova, Random flux redistribution observed for α-particles transmitted through Si, Ni and Pt crystals . . . 193 (2002) 144
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Kawatsura, K., N. Takeshima, T. Imaoku, K. Takahiro, Y. Mokuno, Y. Horino, T. Sekioka and M. Terasawa, High-resolution X-ray spectroscopy for copper and copper oxides and a new WDX system using an ion microbeam . . . 193 (2002) 877
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Kharlamov, V.S., E.E. Zhurkin and M. Hou, Atomic scale modelling of nanosize Ni_3Al cluster beam deposition on Al, Ni and Ni_3Al (1 1 1) surfaces . . . 193 (2002) 538
Kim-Ngan, N.-T.H. and W. Soszka, Low energy ion scattering from Fe_3O_4 thin film surfaces . . . 193 (2002) 391
Kimura, K., S. Usui, K. Maeda and K. Nakajima, Ion scattering on crystalline surfaces: Effects of surface track potential on secondary electron emission . . . 193 (2002) 661
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Kishi, N. and K. Morita, Differential scattering cross-sections, inelastic energy losses and ion fractions in backscattering of keV He^+ ions from monolayer metal adsorbates on solid surfaces measured by means of CAICISS . . . 193 (2002) 419
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Kuroki, K., H. Torii, K. Komaki and Y. Yamazaki, Proton sputtering from H-terminated Si(1 0 0) surfaces with slow highly charged ions . . . 193 (2002) 804
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Lancaster, J.C., F.J. Kontur, P. Nordlander, G.K. Walters and F.B. Dunning, The dynamics of He^+ ion neutralization at metal surfaces: Spin dependent studies . . . 193 (2002) 656
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Maynard, G., M. Sarrazin, K. Katsonis and K. Dimitriou, Quantum and classical stopping cross-sections of swift heavy ions derived from the evolution with time of the Wigner function 193 (2002) 20

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Meyer, F.W., V.A. Morozov, J. Mrogenda and C.R. Vane, S. Datz, Large-angle back-scattering of Ar^{q+} ($q = 1$–13) during quasi-binary collisions with CsI(1 0 0) in the energy range 10 eV/q –2.8 keV/q: Energy loss analysis and scattered charge state distributions 193 (2002) 508
Meyer, F.W. and V.A. Morozov, Comparative study of surface-lattice-site resolved neutralization of slow multicharged ions during large-angle quasi-binary collisions with Au(1 1 0): simulation and experiment . . 193 (2002) 530
Michikami, O., see Ishikawa, N. 193 (2002) 278
Minami, T., C.O. Reinhold, M. Seliger, J. Burgdörfer, C. Fourment, B. Gervais, E. Lamour, J.-P. Rozet and D. Vernhet, Evidence of collisional coherences in the transport of hydrogenic krypton through amorphous carbon foils 193 (2002) 79
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Nikolaeva, M., M. Sendova-Vassileva, D. Malinovska, Y. Sarov and J.C. Pivin, Ion beam assisted formation of Ag nanoparticles in SiO_2 and their optical properties 193 (2002) 867
Ninomiya, S., N. Imanishi, J. Xue, S. Gomi and M. Imai, Material-dependent emission mechanism of secondary atomic ions from solids under MeV-energy heavy ion bombardment 193 (2002) 745
Nipoti, R., see Bianconi, M. 193 (2002) 66
Nishigaki, S., T. Sugiman, T. Ikari, I. Yokoh, K. Yamada and M. Naitoh, A metastable-induced electron spectroscopy study on the promotion of nitridation by oxygen/alkali pre-adsorbates at Si(1 0 0) surfaces . 193 (2002) 460
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Parilis, E., Sweeping-out-electrons effect under impact of large molecules and clusters 193 (2002) 240
Pasquali, L., S. Suturin, N. Sokolov, G. Selvaggi, S. D'Addato and S. Nannarone, Electronic properties of CaF_2 nanodimensional islands on Si(001): An MDS and UPS study 193 (2002) 474
Passeggi Jr., M.C.G., see Gayone, J.E. 193 (2002) 440
Pathak, A.P., L.N.S. Prakash Goteti and S.V.S. Nageswara Rao, Channeling radiation from relativistic electrons – Study of stacking faults and dislocations 193 (2002) 188
Pathak, A.P., S.V.S. Nageswara Rao, A.M. Siddiqui, G.B.V.S. Lakshmi, S.K. Srivastava, S. Ghosh, D. Bhattacharya, D.K. Avasthi, D.K. Goswami, P. Satyam, B.N. Dev and A. Turos, Ion beam studies in strained layer superlattices 193 (2002) 319
Pauly, N., A. Dubus and M. Rösler, Electron capture and loss processes for protons in aluminium: Comparison between conduction band electron–hole assisted and plasmon assisted Auger processes 193 (2002) 414
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Pedemonte, L., G. Bracco, R. Tatarek, R. Beikler, E. Taglauer, K. Brüning and W. Heiland, The surface structure and thermal vibrations of Ag(1 1 0) studied by low energy ion scattering 193 (2002) 557
Pedemonte, L., G. Bracco, A. Robin and W. Heiland, Low-energy ion scattering study of Al(1 1 0) thermal disordering 193 (2002) 563
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Pfandzelter, R. and H. Winter, Emission of spin-polarized electrons during grazing scattering of multiply charged N ions from a Fe(100) surface . . . 193 (2002) 713
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Rösler, M., see Pauly, N. . . . 193 (2002) 414
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Sekioka, T., M. Terasawa, M. Sataka, S. Kitazawa and M. Niibe, Electronic excitation effects on secondary ion emission from a foil of conducting material bombarded by high energy heavy ions . . . 193 (2002) 751
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Shibata, H., H. Kobayashi, K. Abe and M. Satoh, In situ measurement of photo-stimulated luminescence from $BaFBr:Eu^{2+}$ irradiated by He^{+} ion beams . . . 193 (2002) 680
Shul'ga, N.F., see Greenenko, A.A. . . . 193 (2002) 133
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Staudt, C., A. Wucher, S. Neukermans, E. Janssens, F. Vanhoutte, E. Vandeweert, R.E. Silverans and P. Lievens, Internal excitation of sputtered neutral indium clusters . . . 193 (2002) 787
Staufenbiel, F., see Schiwietz, G. . . . 193 (2002) 705
Steinbatz, M., A. Schinner, E. Steinbauer and O. Benka, Electron emission yield from thin Al and insulating layers induced by 3 MeV He^{2+} and 3 keV electron impact . . . 193 (2002) 638
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Stöhlker, Th., see Weick, H. . . . 193 (2002) 1
Stojanov, N., S. Petrović and N. Nešković, Angular distributions of relativistic ions channeled in the bent ⟨100⟩ Si crystals . . . 193 (2002) 160
Stolterfoht, N., J.H. Bremer, V. Hoffmann, M. Rösler and R.A. Baragiola, Auger transitions and plasmon decay produced by hollow atoms at an Al(1 1 1) surface . . . 193 (2002) 523
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Terreni, S., M. Canepa, L. Mattera and V.A. Esaulov, The structure of the $Cu_3Au(0\,0\,1)$ surface studied by impact collision of low energy Ne ions . . . 193 (2002) 550
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Valdés, J.E., P. Vargas, C.D. Denton and N.R. Arista, Energy loss straggling of low-velocity protons and deuterons channeled in Au⟨1 0 0⟩ . . . 193 (2002) 43
van der Berg, N.G., J.B. Malherbe, R.Q. Odendaal, S.A. Goodman and K. Premachandra, Argon bombardment-induced topography and sputter yields on $Si_{0.84}Ge_{0.16}$ . . . 193 (2002) 739
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Volckaerts, B., A. Hermanne, I. Veretennicoff and H. Thienpont, Deep lithography with protons: Modelling and predicting the performances of a novel fabrication technology for micro-optical components 193 (2002) 346
Volkov, A.E., Nucleation of nanoclusters in thermal spikes in solids irradiated with swift heavy ions 193 (2002) 376
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Weick, H., A.H. Sørensen, H. Geissel, C. Scheidenberger, F. Attallah, V. Chichkine, S. Elisseev, M. Hausmann, H. Irnich, Y. Litvinov, B. Lommel, M. Maier, M. Matoš, G. Münzenberg, N. Nankov, F. Nickel, W. Schwab, Th. Stöhlker, K. Sümmerer and B. Voss, Energy-loss straggling of (200–1000) MeV/u uranium ions 193 (2002) 1
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Zäpfel, T., S. Hagmann, H. Rothard, J. Ullrich, G. Kraft, H. Schmidt-Böcking and K.O. Groeneveld, Experimental study of electron ejection by heavy ion irradiation of solids: Observation of forward and backward emitted electron jets 193 (2002) 651
Zemih, R., M. Boudjema, C. Benazeth, Y. Boudouma and A.C. Chami, Image potential effect on the specular reflection coefficient of alkali ions scattered from a nickel surface at low energy 193 (2002) 396
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